

MEMORANDUM FOR: ACL

ARMY

At:

Let's  
forget it.

I am out on this one.

Neither

could make head nor tail of  
this.

Do you owe a response to  
this or can we quietly forget it?

Pass pkg to <sup>ad</sup> ~~WFO~~ L. to <sup>3/24</sup> ~~head~~ <sup>(DATE)</sup> ~~head~~ <sup>✓</sup>  
for further ~~Group~~ <sup>take</sup> interest.

FORM NO. 10

REPLACES FORM NO. 10

(47)

## CENTER RECORDING SLIP

FROM			DATE
Dir/INPIC			3/16/70
TO	INITIALS	DATE	REMARKS
DIRECTOR			<p>1-2</p> <p>For preparation of response letter</p> <p><u>John:</u></p> <p>Suggest you designate someone to staff out an appropriate response who will touch base with Ralph and others as needed.</p> <p>3- Al - This seems a bit of far from TSSG interest.</p> <p>I suggest you go directly to RSP.</p> <p>Suspend 3-23</p> <p>JWC</p> <p>al,</p> <p>I can't figure out the correlation of plots to make a comparison and prepare a comment. This subject is somewhat removed from my sphere of knowledge to make an intelligent comment. Ralph.</p> <p>Suspend: 3/25/70</p>
DEP/DIRECTOR			
EXEC/DIRECTOR			
SPECIAL ASST	3		
ASST TO DIR			
HISTORIAN			
CH/PPBS			
DEP CH/PPBS			
EO/PPBS			
CH/IEG			
DEP CH/IEG			
EO/IEG			
CH/PSG			
DEP CH/PSG			
EO/PSG			
CH/TSSG	2 JWC 3/20		
DEP CH/TSSG			
EO/TSSG			
CH/SSD/TSSG			
PERSONNEL			
LOGISTICS			
TRAINING			
RECORDS MGT			
SECURITY			
FINANCE			
DIR/IAS/DDI			
CH/DIAXX-4			
CH/DIAAP-9			
CH/SPAD			

# UTILITY DATA CORPORATION

4263 DACOMA STREET, HOUSTON, TEXAS 77018  
PHONE (713) 681-6671

February 23, 1970

Mr. Art Lundahl  
4401 Chestnut Street  
Bethesda, Maryland 20014

Dear Art:

Thank you very much for your suggestion to write and your offer to assist. When one leaves the Washington scene and becomes as deeply involved in other activities such as I have, time does slip by; in a way, seems as if I've been here for years.

The past few months have been filled with new things for me. I suppose the most interesting aspect has been that we are involved only in the commercial world; no association with government contracting. This, of course, means a new concept to adjust to as well as new tactics in marketing our products.

I will not attempt at this time to describe our company or its activities except to say that we are very active in the general area of analytical photogrammetry, photographic processing and printing, and with our Model 200 CDC data link, have direct access to a CDC 6600 for computational tasks.

In addition to the above areas, we have branched out to touch the field of geophysical exploration. It is in this area that I was attempting to get a sample of the activities of AID. Within the next two weeks, we will have completed our negotiations for a worldwide license for what appears to be a new tool in geophysics which may have equal impact upon the industry as did the airborne magnetometer during the '50's.

Unlike the maggie, however, ours is not new, its simply an old device which all the experts said wouldn't work. In the same fashion that technological blocks are often broken by an outsider who, without bias, can apply simple logic to reach the solution, our sensor was developed by a non-technical individual who had a complete understanding of the problem and refused to accept compromises.

JWC —

IZSP —

Please look  
this over and  
give me a few  
comments or  
observations. *all*



## UTILITY DATA CORPORATION

Mr. Art Lundahl  
Bethesda, Maryland 20014  
February 23, 1970  
Page 2

Through research in plastics, proper utilization of photo multiplier tubes and an excellent signal processing system, we have an airborne scintillation counter. It receives and counts gamma ray emanating from naturally occurring uranium, thorium, and potassium. Initial test data, when compared to that recorded by sodium iodide crystals in a gamma ray spectrometer, indicates we are counting and recording a total count up to 20 times more than competitive systems. This added sensitivity leads the experts in the field to feel that the system may prove to be an excellent geological tool.

I am attaching three records over the same ground which are self-explanatory and represent the results of the last of a series of tests. These tests were made in a joint effort with the Minerals Division of Humble Oil Company. When our record is viewed as an overlay on either of the two, the correlation is good and the added detail of ours is obvious.

It is in this added detail, possible only through such high sensitivity, we will exploit as a new service to both the Petroleum and Mining Industries.

Sincerely,

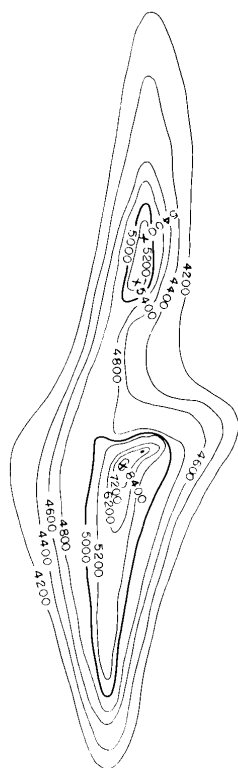
UTILITY DATA CORPORATION



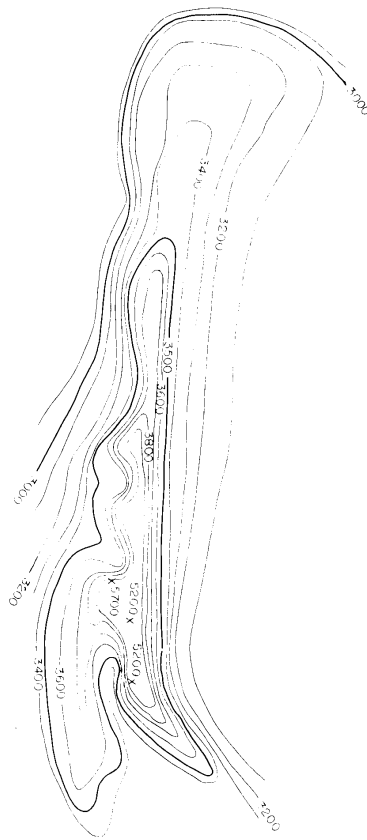
Charles E. Chambers, President

CEC:td

Enclosures

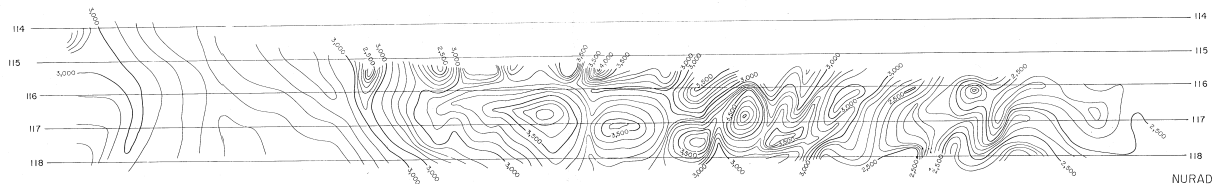


Flight Altitude 200 feet  
Contour interval 200 counts per inch



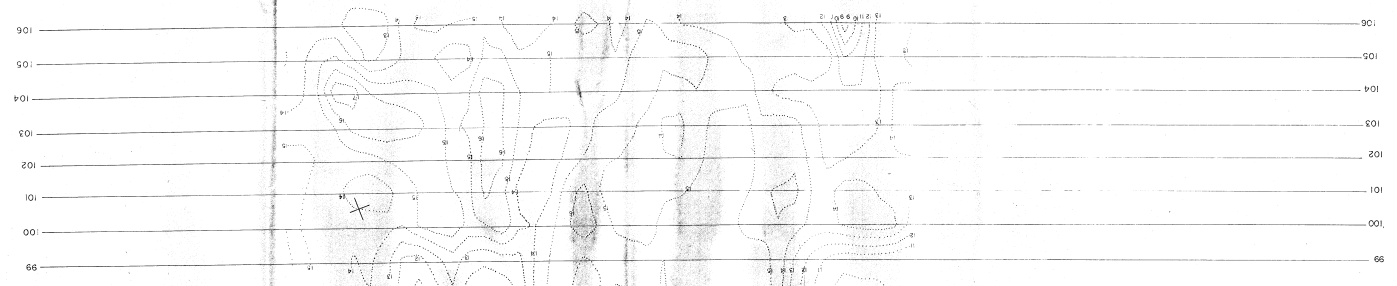
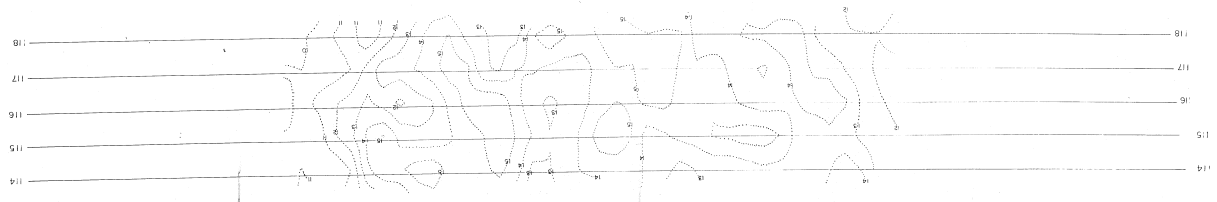
Flight Altitude 400 feet

Contour interval 100 counts per inch  
 This anomaly was not recorded on the other systems  
 Due to the frequencies of the Kuchu lines our instrument  
 picks it up - it was not shown on the other displays, rather it  
 was used to document the event.



Contour interval 100 counts per second

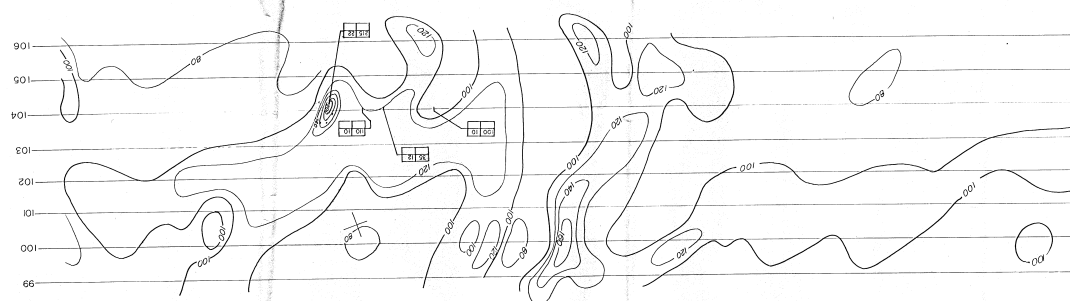
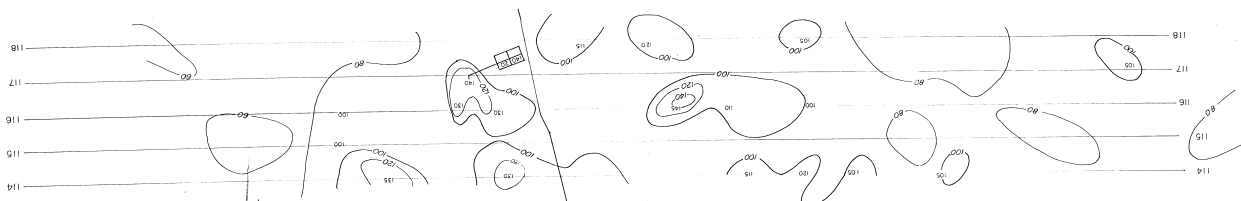
Total Count  
Map  
Isoradiocivity Contour  
Scale 1: 48,000  
Contour interval 1,000 counts per minute  
GEOPHOTO May 1968





Scale 1:48,000  
Isoradiosity Contour Map  
Total Count  
Contour Interval 20 counts per second  
SINTREX Aug 1967

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